

**DIVERSIFIED AGRICULTURE RESEARCH PROJECT**

**WORK PLAN  
(1993 UPDATE)**

- I Output Targets**
- II Special Project Funds**
- III Participant Training**
- IV Technical Assistance**

**OUTPUT TARGETS BY TECHNICAL & MANAGERIAL AREA**

/

**DARP OUTPUT TARGETS FOR 1993**

**TECHNICAL AREA 1: COMMODITY ANALYSIS AND POLICY REVIEW**

- |                                |   |
|--------------------------------|---|
| 1. Commodity Situation Studies | One final commodity study by end of Project (three completed earlier)       |
| 2. Horticultural Assessment    | completed   |
| 3. Plant Quarantine Review     | completed   |
| 4. Agricultural Policy Review  | A review of food crop and diversification policies by second quarter 1993   |
| 5. Special Studies             | Two special studies pointing to policy implications (one completed earlier) |

**TECHNICAL AREA 2: RESEARCH PRIORITIES AND STRATEGY**

- |  |  |
|--|--|
| 1. Develop Research Plan                                   | completed  |
| 2. Review Varietal Release Procedures                      | completed  |
| 3. Incorporate Economic Analysis into Experimental Designs | Incorporation of a section on economic significance in research designs and programmes. Action on this will depend on priorities of RD and DAEP. |

**TECHNICAL AREA 3: COMMUNICATION TECHNOLOGY**

- |  |  |
|--|--|
| 1. Prepare Comprehensive Plan  | completed  |
| 2. Improve Communication Unit by establishing a Multi Media Campaign Coordinating Team | completed  |
| 3. Expand Farm Broadcasting Capabilities   | Installation of recording studio by end of Project |

4. Develop Capabilities in  
Publishing

Desk-top publishing system in place and operating by second quarter of 1993

Printing Crop Technoguide completed

5. Special Mass Media Campaigns

Special campaigns on four major topics (see below)

**TECHNICAL AREA 4: RESEARCH AND TECHNOLOGY TRANSFER PROGRAMMES**

**Varietal Improvement**

1. Introduction of Germplasm

200 lines of melons and orchids completed

5 Grapes varieties to be brought by end of Project

Tropical fruit germplasm to be introduced

100 lines of 14 OFCs to be introduced by DOA

2. Varietal Development

Development and release of 3 varieties in 1993 (17 released earlier during LOP)

Propagation of tropical fruits in 3 locations with DOA and private nurserymen

**Pesticide Safety**

3. Pest Control Research

Publish IPM strategies for three crops, and action plan for a pesticide residue analysis service has been dropped

4. Pilot Programme to Promote Safe Use of Pesticides

Intensive, focused mass media and extension campaign to promote safe use of pesticides (underway at end of 1992)

**Post-harvest Handling**

5. Plan for Horticultural Development in Uva Province

completed

6. Onion Storage Structure  
Improvement

completed

**OFC Promotion**

7. Pilot Programme to Promote  
Cultivation in Meda

20 hectares of demonstrations  
in dry and intermediate zones  
in 1992 (completed)

250 hectares in 1993

Mass media campaign to draw  
farmer attention

8. Block Demonstrations of  
OFC Technology

10 block demonstrations of 5  
hectares in Yala 1992  
completed

Mass media campaign to draw  
farmer attention

Similar program for 1993

9. Research Grant Programme

Complete funding of 16  
research projects and hold  
final workshop by May 1993

10. Horticultural Exhibition

Hold a National Horticultural  
Exhibition in August 1993

**TECHNICAL AREA 5: SEED RESTRUCTURING AND ENTERPRISE DEVELOPMENT**

1. Establish National Seed Policy

Six regional meetings with  
private and public sectors and  
one joint workshop

Simplified seed law developed  
and presented for enactment

2. Seed Marketing Promotion

Seed market study published by  
mid 1993

Promotional campaign with mass  
media and extension support in  
1993

Seed farm management workshops  
(completed)

3. Development of Seed Enterprises Formation and support to at least 6 seed enterprises including producer groups that will be involved in seed production and distribution (2 enterprises underway)

**TECHNICAL AREA 6: SEED TECHNOLOGY**

1. Installation Seed Equipment Installation of seed equipment at two more sites by end of Project (1 plant completed earlier)
2. Extend Certification Services to Seed Enterprises Certify horticultural planting materials by 1993 (Training of nurserymen completed)
- Train DOA officers in seed promotion
3. Demonstration of Large Onion Seed Production completed

**TECHNICAL AREA 7: ORGANIZATION AND MANAGEMENT SYSTEMS**

1. Management Training Needs assessment and Phase I workshop completed
- Phase II and III workshops in 1993
- Additional program based on recommendation of MITF if funding allows
2. Computerized Data Systems completed
- Train an additional 100 DOA officers and clerical staff in use of software programmes (100 trained earlier)

**MANAGEMENT AREA 1: CONSTRUCTION AND PROCUREMENT**

1. Construction Completed
2. Procurement Original orders of project equipment completed
- Procurement of items under new orders by second quarter 1993

**MANAGEMENT AREA 2: PARTICIPANT TRAINING AND MANAGEMENT TRAINING**

- |                        |   |
|------------------------|---|
| 1. Long-term Scholars  | Complete 28 long-term programmes in 1993 (57 completed to date) |
| 3. Short-term Training | 28 person-months of training in 1993 (67.5 completed to date)   |

**MANAGEMENT AREA 3: COORDINATION, REPORTING, AND EVALUATION**

- |  |  |
|--|--|
| 1,2, and 3. Work Plan<br>and Updates   | Work Plan update by end of first quarter, 1993   |
| 4 and 5. Planning Meetings             | Core Group meetings monthly  |
| 6, 7 and 8. Progress Reporting         | Quarterly progress reports within 30 days after the end of each quarter  |
| 9 and 10. Monitoring and<br>Evaluation | Final Report comparing targets with progress and recommendations for future<br>External evaluation by April 1993 |

## **SPECIAL PROJECT FUNDS**

- STATUS
- BUDGET BY TECHNICAL AREA
- BUDGET BY ACTIVITY

## DARP - SPF ACTIVITIES

STATUS REPORT: 25 MARCH 1993

TOTAL BUDGET	- US \$ 556,645
APPROVALS TODATE	- US \$ 532,645
EXPENDED UPTO 25 MARCH'93	- US \$ 266,292

---

### TECH LINE    ACTIVITY AREA

#### 1. PLANS IN PREPARATION

#### 2. PENDING - DOA

3.2.01 Strengthening Comm. Unit (Software)

4.8.01 "Yala" Demonstrations'93

#### 3. PENDING - USAID

1.5.01 Special Studies

4.1.02 Introduction of Germplasm - Grape Plants

4.1.03        - do -                                - Tropical Fruits

4.9.18 Research Grants: Workshop

#### 4. ONGOING

3.3.01 Install Recording Studio

3.5 Multi Media Campaigns

3.5.04 Pesticide Safe Use

3.5.05 OFC Promotion

4.7.01 "Meda" Demonstrations'93

contd....

## ONGOING ..... RESEARCH GRANTS..

- 4.9.01 Passion fruit: cross protection - Bombuwela
- 4.9.03 Pineapple: mealy bug control - Makandura
- 4.9.04 Leafy Vegetables: cv development - Bombuwela
- 4.9.05 Vegetable Pests: resistance to chems - CARI
- 4.9.06 Banana: ripening studies - CARI
- 4.9.07 Potato: pre-basic seed production - B'wela
- 4.9.08 Apple/Pear: fungal diseases - B'wela
- 4.9.09 FLCG crops: cooking quality - CARI
- 4.9.10 Cucurbits: pgr and productivity - Ara'wila
- 4.9.11 Mangosteen: latex exudation - Bombuwela
- 4.9.12 Chilli: narrow leaf disorder - CARI
- 4.9.13 Floriculture: insect pests - Quarantine Unit
- 4.9.14 Onion: "leaf twister" disease - Makandura
- 4.9.15 F. benjamina: tissue culture - RBG
- 4.9.16 Anthurium: weaning plantlets - RBG
- 4.9.17 Agronomics of potato tuberlet production - S'Elia

4.10.02 Horticulture Exhibition

5.2.03 Nurserymen Training

5.2.04 SDU

5.3.01 Seed Enterprise Managers

6.1.02 Seed Equipment Installation - Pelwehera

6.1.03 do - Aluttarama

6.2.01 Promotion of Quality Awareness (Phase II)

6.2.03 Labelling Mother Plants

7.2.01 Software Training

## 5. COMPLETED

1.4.01 Expand Computer Room

3.5.01 Printing Technoguide

3.5.02 Newspaper Supplements - Payment upto 30.8.93

3.5.03 Impact Survey

4.1.01 Introduction of Germplasm - Orchids

4.6.01 Onion Storage 15 Structures'91

4.7.01 Meda Season Demonstrations'92

4.8.01 Yala OFC Block Demos'92

4.10.01 Bio-Technology Workshop

**COMPLETED.....**

- 5.2.01 Seed Market Study
- 5.2.02 Farm Manager Training
  
- 6.1.01 Seed Equipment Installation - Nikeweratiya
- 6.2.02 Repairs to SC&PP Buildings (Phase II)
- 6.3.01 B Onion Seed Prodn Demos'92
  
- 7.1.01 Management Training: Phase I & Phase II

WORK PLAN BUDGET 1, MARCH 1993

SUMMARY OF SPECIAL PROJECT FUNDS, FEBRUARY 28, 1993  
EXPENDITURES AGAINST LINE ITEMS IN WORK PLAN BUDGET

LINE ITEMS	BUDGET	APPROVED AMOUNT	EXPENDED THIS MONTH	EXPENDED TO DATE
(US Dollars)				
<b>TECHNICAL AREA 1</b>				
1. Commodity Situation Studies				
2. Horticultural Assessment				
3. Plant Quarantine Review				
4. Ag. Policy Review	1,605	1,605		1,602.57
5. Special Studies	3,000			
<b>TECHNICAL AREA 2</b>				
1. Develop Research Plan				
2. Review of Varietal Release Procedures				
<b>TECHNICAL AREA 3</b>				
1. Develop Comprehensive Plan				
2. Strengthen Communication Unit	6,000			
3. Expand Farm Broadcasting Capacity	30,000	30,000		1,468.18
4. Expand Capabilities in Publishing				
5. Special Campaigns	142,560	142,560	102.12	89,256.98
<b>TECHNICAL AREA 4</b>				
1. Introduction of Germplasm	15,000	10,000		9,984.00
2. Varietal Development				
3. Pest Control Research				
4. Pilot Programme to Promote IPM				
5. Post Harvest Technology Development				
6. Onion Storage Structure Improvement	3,665	3,665		3,662.89
7. Promote Cultivation in Meda	16,690	16,690	8,815.34	10,502.12
8. Block Demos OFC Technologies	17,625	8,625	111.39	8,776.49
9. Research Grant Programme	57,500	56,500	2,547.42	30,448.18
10. Horticulture Exhibition	57,850	57,850	5,986.78	14,755.64
<b>TECHNICAL AREA 5</b>				
1. Establish National Seed Policy				
2. Seed Marketing Promotion	23,150	23,150	499.78	10,350.03
3. Development of Seed Enterprises	40,000	40,000	2,793.02	23,415.79
<b>TECHNICAL AREA 6</b>				
1. Install Seed Equipment	68,000	68,000		12,741.50
2. Extend Certification Services	23,500	23,500	1,066.09	15,011.70
3. Demonstrate Large Onion Seed Prod.	4,500	4,500		4,161.70
<b>7. MANAGEMENT TRAINING</b>	46,000	46,000	3,004.26	21,739.69
<b>GRAND TOTAL</b>	556,645	532,645	24,926.20	257,877.46

## EXPENDITURE AGAINST SPECIFIC ACTIVITY BUDGETS WITHIN LINE ITEMS - FEBRUARY'93

ACTIVITY	APPROVED AMOUNT	EXPENDED THIS MONTH	EXPENDED TO DATE
Line Item.Sub-line Item.Specific Activity		(US Dollars)	
1.4.01 Modifications to Computer Room	1,605		1,602.57
1.5.01 Special Studies			
3.2.01 Strengthening Comm. Unit (Software)			
3.3.01 Expand Farm Broadcasting Capacity	30,000		1,468.18
3.5.01 Printing Technoguide	37,515		37,513.39
3.5.02 Newspaper Campaigns	30,045		30,041.82
3.5.03 Mass Media Campaigns	75,000	102.12	21,701.77
4.1.01 Orchids	10,000		9,984.00
4.1.02 Grapes Plant			
4.1.03 Tropical Fruits			
4.6.01 Onion Storage Structure Improvement	3,665		3,662.89
4.7.01 Meda Demonstrations'92	1,690		1,686.78
4.7.02 Meda Demonstrations'93	15,000	8,815.34	8,815.34
4.8.01 Yala Demonstrations'92	8,625	111.39	8,776.49
4.8.02 Yala Demonstrations'93			
4.9.01 Cross Protection	17,000	169.30	16,448.85
4.9.03 Mealy Bug	2,600	128.75	1,307.21
4.9.04 Leafy Vegetables	2,600	64.08	724.29
4.9.05 Vegetable Pest	2,250	120.38	1,495.10
4.9.06 Ripening of Banana	4,000	175.79	1,360.75
4.9.07 Pre-basic Seed Potato	2,500	34.04	488.50
4.9.08 Apple and Pear Diseases	3,600	12.86	589.70
4.9.09 Cooking Quality of FLCG Crops	6,000	94.44	376.61
4.9.10 PGR and Cucubits Productivity	2,000		869.95
4.9.11 Latex in Mangosteen	2,500	190.61	946.67
4.9.12 Chilli MLD Studies	1,000		180.51
4.9.13 Insect Tests:Floriculture	3,200	162.67	1,470.14
4.9.14 Leaf Twister Disease:Onion	1,250	116.27	996.33
4.9.15 Tissue Culture:F. benjamina	2,000	670.14	962.82
4.9.16 Weaning Plantlets	2,000	253.83	1,243.63
4.9.17 Potato Tuberlet Production	2,000	354.26	987.12
4.9.18 Research Grants: Workshop			
4.10.01 Bio-Technology Workshop	7,850		2,288.99
4.10.02 Horticulture Exhibition	50,000	5,986.78	12,466.65
5.2.01 Seed Market Study	11,000		8,327.32
5.2.02 Farm Manager Training	1,500		1,493.00
5.2.03 Nurserymen Training	7,650		
5.2.04 Seed Development Unit	3,000	499.78	529.71
5.3.01 Seed Enterprises Managers	40,000	2,793.02	23,415.79
6.1.01 Install. of Seed Equip - Nikeweratiya	22,000		12,741.50
6.1.02 Install. of Seed Equip - Pelwehera	22,000		
6.1.03 Install. of Seed Equip - Aluttarama	24,000		
6.2.01 Extend Certification Services	5,000	1,066.09	3,589.54
6.2.02 SC&PP Building Repairs	11,500		10,640.22
6.2.03 Labelling Mother Plants	7,000		781.94
6.3.01 Demonstrate Large Onion Seed Prod.	4,500		4,161.70
7.1.01 Management Training	30,000	3,004.26	13,791.55
7.2.01 Software Training	16,000		7,948.14
<b>GRAND TOTAL</b>	<b>532,645</b>	<b>24,926.20</b>	<b>257,877.46</b>

## **PARTICIPANT TRAINING**

- SHORT TERM TRAINING  
1991 - 1992
- SHORT TERM TRAINING  
1993
- LONG TERM PARTICIPANTS IN USA

WORK PLAN UPDATE 1, MARCH 1993

SHORT TERM TRAINING - EXTENSION PHASE

NAME	COURSE	DATE	PM/US	BUDGET/US	PM/TC	BUDGET/TC
S Gnanachandran SMSSA Senanayake	Computer Course AIT, Thailand	May 91			2.00 2.00	5,857 5,857
IS Padinasiri H Samaratinga	Intl Symp on Trop Fruit Res, Thailand	May 91			1.00 1.00	3,271 3,271
RS Abeysekera WM Jayasena	Strategic Mngmt for USDA, Washington DC	Oct 91	0.50 0.50	7,216 6,223		
SPR Weerasinghe	Plant Quarantine Germ Plasm Conserv. USA, Philippines	Oct 91	1.00	7,448		
WP Madawanarachchi NA Alwis Perera RMG Weerakoon K Vincent KK Siripala SM Sudu Banda SM Gunapala	Seed Technology UPLB, Philippines	Nov 91			1.00 1.00 1.00 1.00 1.00 1.00 1.00	2,861 2,861 2,861 2,861 2,861 2,861 2,861
H Rajapakse	Orchid Conference Chiang Mai, Thailand	Jan 92			0.50	3,081
P Ganashan	Biotechnology Conf Banana, Costa Rica	Jan 92			0.50	5,707
GDA Weerasuriya DD Weerakkody A Nadarajah KD Dharmadasa PK Hulugalle S Bodhipakse R Dikkumbura	Seed Technology UPLB, Philippines	Feb 92			1.00 1.00 1.00 1.00 1.00 1.00 1.00	2,694 2,694 2,694 2,694 5,269 2,694 2,694
V Abeykoon	Intl Symp on Nutrien Mngmt for Sustained Productivity, India	Feb 92			0.50	1,360
A Wettasinghe	FAO/CIPAC Pesticide Meeting, Thailand	May 92			0.50	1,431
PNP Jayasinghe HA Sarath Chandra HM Wickremasinghe GR Chandratilleke Banda EM Dassanayake Banda DM Jayawardena JS Kurukulasooriya KD Kumarasinghe Appuhamy UB Gankewela GV Thomis JP Atapattu RM Karunaratne	Study Tour, Field Crops Ext, Thailand	Jun 92			0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50	2,679 2,679 2,679 2,679 2,679 2,679 2,679 2,679 2,679 2,679 2,679 2,679
SSBDG Jayawardena DEF Suraweera OPK Chandrasiri PLE Pannila H Samaratinga	Mngmt Leadership in Agric Production Practices, Nebraska, USA	Jun 92	1.00 1.00 1.00 1.00 1.00	6,994 6,994 7,001 7,001 6,994		
RM Piyadasa M Atham Charles Silva HAVT Navaratne VRD Banda DK Kulatunga HA Chandrasekera AR Punchibanda KG Premaratne IM Balasuriya S Periyasamy DB Weeratunga	Study Tour, Field Crops Ext, Thailand	Jun 92			0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50	2,451 2,451 2,451 2,451 2,451 2,451 2,451 2,451 2,451 2,451 2,451 2,451
Sub Total			7.00	55,871.00	34.00	132,855.00

SHORT TERM TRAINING - EXTENSION PHASE

NAME	COURSE	DATE	PM/US	BUDGET/US	PH/TC	BUDGET/TC
Sub Total B/f			7.00	55,871.00	34.00	132,855.00
H Rajapakse DG Ranmukarachchi	Study Tour of Plant Nurseries, Planting Material, Thailand	Jul 92			0.75 0.75	1,508 1,508
HMC Kapilaratne MHJP Fernando SL Weerasena GGM Sikurajapathy WP Madawanarachchi HGP Nelson	Seed Policy Study Tour - Thailand, WDC, Mississippi, Bolivia, Colombia, California, Indonesia	Aug 92	1.00 1.00 1.00 1.00 1.00	8,081 8,081 8,081 8,081 7,052		
S Suntharalingam S Ekanavake	Post Harvest Handling, Davies, California, USA	Aug 92	1.50 1.50	9,569 9,569		
M Agalawatte	Prvj Mngmt & Eval Seminar, WDC, USA and OSU, Oregon	Aug 92	1.00	6,945		
AVS Weerasinghe	Soil Consv & Mngmt Stdy Tour, Utah, USA	Sep 92	1.00	5,930		
V Vingnanakulasingam	Chilli Plant Path. LSU, USA	Sep 92	3.00	7,059		
H Gamage KN Hankotte P Weerakkody	Agric Communic. Illinois, USA	Sep 92	1.00 1.00 1.00	7,384 7,384 7,384		
M de Silva	Media Tech Planning Product & Utiliz., Thailand	Sep 92			1.00	3,108
EM Dassanayake	Cross Protection Res Australia	Sep 92			3.00	10,005
HM Jayawardena Banda	Plant Quarantine Pro Thailand	Sep 92			0.50	1,096
M Ranatunga RP Mahindapala SK Yasakethu BW Somapala KL Jayatissa	Training Mngmt, AIT, Thailand	Oct 92			3.00	3,068 3,068 3,068 3,068 3,068
P Ganashan	Chilli Pepper Produc Malaysia	Oct 92			0.50	1,777
TOTAL			24.00	164,552	43.50	167,197

PARTICIPANT TRAINING BUDGET 1993

PARTICIPANT	COURSE	DATES	PM/USA	BUDGET/USA	PM/TC	BUDGET/TC
S Amarasiri	Hort/Study Tour	Feb/Mar 93			1.00	5,000
HP Ariyaratne	Australia				1.00	5,000
LD Dissanayake					1.00	5,000
JA Sirisena					1.00	5,000
S Peiris					1.00	5,000
BAB* Padmalal					1.00	5,000
M Dionysius	Tropical Fruits Course	Mar/Apr 93			2.00	10,000
	Australia					
C Kudagawage	World Neek Conf	Feb 93			0.50	1,000
	India					
RRA Nijekkon	Training on Graphics	Mar 93	1.00	E,000		
TT Div	Production, USA					
7 Farmers	Union Study Tour	Mar/Apr 93			3.50	E,000
	India					
3 Officers, Res Div	Hort Tour				3.00	1E,000
	Malaysia					
3 Officers, DAE&P Div	Project Mngt				5.00	30,000
	AIT, Thailand					
3 Officers, SCS&PF Div	Plant Quarantine				2.00	12,000
	Malaysia					
Keerasuriya	Seeds Enterp Mngt		2.00	1E,000		
SPM Div	USA					
H Senerath	APPPC Workshop				1.00	5,000
HM Sewardena Banda	Plant Quar., Malaysia					
7 Farm Managers	Thailand				3.50	21,000
<hr/>						
SUBTOTAL			7.00	2E,000	26.50	135,000
<hr/>						
TOTAL S/F 1991-92			24.00	1E4,552	43.50	167,197
<hr/>						
TOTAL			27.00	190,552	70.00	302,197
<hr/>						
BUDGET FOR 1993	161,000					
PLUS TAX ON ALL COURSES	22,000					
30% OF 72,000						
TOTAL REQUIREMENT FOR 93	183,000					
LESS REMAINDER FROM 92	39,000					
NET FUNDS REQUIRED	144,000					

WORK PLAN UPDATE 1, MARCH 1993

DIVERSIFIED AGRICULTURE RESEARCH PROJECT

Currently Active Long-Term Participants  
US Universities

Amal Padmaja de Silva	U of Arkansas	05/04/91 - 04/30/93
J Abeygunasekera	U of Tennessee	08/04/91 - 08/15/93
K S U Jayaratne	U of Illinois	08/11/91 - 08/11/93
E M D S N Ekanayake	Michigan State	09/10/91 - 08/31/93
I Ariyaratne	Louisiana State	08/19/92 - 08/31/93
H U Warnakulasooriya	Ohio State	06/09/92 - 06/30/93
Indrani Medagoda	Michigan State	01/06/92 - 12/31/92*
G L B Delungahawatte	North Carolina State	08/18/92 - 8/31/93

\* No-cost extension 01/01/93 - 05/31/93 for degree completion

---

Amal Padmaja de Silva	- Requested extension up to August 1993 -\$4,000
E M D S N Ekanayake	- Requested extension up to end 1993
K S U Jayaratne	- Would be requesting an extension up to end 1993.

## **TECHNICAL ASSISTANCE**

- LONG-TERM
- SHORT-TERM EXPATRIATE
- SHORT-TERM LOCAL

**DIVERSIFIED AGRICULTURE RESEARCH PROJECT**

**LEVEL OF EFFORT MONITOR**

WORK PLAN UPDATE MARCH 1, 1993

	Total in Contract	Provided to Date	Planned	Provided + Planned
Long-term	41	34	7	41
COP Pattie	34	27	7	
Seeds Reusche	7	7		
-----				
Short-term Expatriate	50	40	3	43
Genetics Paroda		0.5		
Research Nickel		4		
Seed Farms Hatfield		2		
Horticulture Williams		1		
Horticulture Duncan		1.5		
Fruits Martin		1		
Handling Mannion		1.5		
Diversification Price		1.5		
Communications Kuhnle		11.5	0.5	
Varietal Release Marlowe		1.5		
PQ Santacroce		2		
TRG Jennings		2	0.5	
TRG Surles		2	1	
Uva Team Hurelbrink		2.5		
Uva Marlowe		2		
Uva Ross		2		
Tropical Fruits Chapman		1.5		
Tropical Fr. its Nissen			1	
-----				
Short-term Locals	10	17	5.5	22.5
Programing Samarakoon		2	0.5	
Varietal Release Albert		1.5		
Varietal Release Pinto		1.5		
Seed Legislation Perera		2		
PQ de Silva		2		
PQ Rajapakse		2		
PQ Premaratne		2		
TRG Abhayagoonawardhana		2	1	
Tropical Fruits Pinto		1.5	1.5	
Communications Jayaratne		0.5	2.5	
=====				
<b>TOTAL</b>	<b>101</b>	<b>91</b>	<b>15.5</b>	<b>106.5</b>